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September 18, 2003

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**Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this correspondence (including the Specification and Drawings described in Items 1 and 2 below) is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 18, 2003.

Express Mail Label No. EV 352475067 US

Signed: 

Sarah M. Barnett

New U.S. Patent Application  
Title: FRAGMENTATION OF DNA  
Inventors: Ernest FRIEDLANDER et al.  
Our Reference No.: 7414.0107-00000

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application:

1. Specification [25 pages (pages 1-25), including title page (page 1), 21 pages of text (pages 2-22), 2 pages of claims (Claims 1-10 on pages 23-24), and 1 page of Abstract (page 25)]; and
2. Drawings - 7 sheets of figures (Figures 1 to 7).

This application is a continuation of United States Patent Application No. 60/412,480, filed September 19, 2002. Application No. 60/412,480 is incorporated herein in its entirety for any purpose.

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FARABOW  
GARRETT &  
DUNNER LLP

The filing fee is calculated as follows:

Basic Application Filing Fee				\$750	\$750.00
	Number of Claims	Basic	Extra Claims		
Total Claims	10	-	20	0	x \$18 \$0.00
Independent Claims	3	-	3	0	x \$84 \$0.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)				+\$280	
Subtotal					\$750.00
Reduction by 1/2 if small entity					-
TOTAL APPLICATION FILING FEE					\$750.00

Please **DO NOT** charge the filing fee to our Deposit Account.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).  
Applicant awaits notification from the U.S. Patent and Trademark Office of the time set  
for filing the Declaration.

Please accord this application an application number and filing date.

The Commissioner is hereby authorized to charge any additional fees due and  
any other fees under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application  
to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By:



Robert W. Mann  
Reg. No. 48,555